

UNITED STATES MARINE CORPS

MARINE FORCES RESERVE 4400 DAUPHINE STREET NEW ORLEANS, LOUISIANA 70146-5400

Foro P8011.1 G4 Ammo JAN 0 3 2007

FORCE ORDER P8011.1

From:

Commander, Marine Forces Reserve

To:

Distribution List

Subj:

MARINE FORCES RESERVE POLICY MANUAL FOR GROUND AMMUNITION AND EXPLOSIVES (SHORT TITLE: MARFORRESAMMOANDEXPLPOLMAN)

Ref:

- (a) OPNAVINST 5530.13B
- (b) NAVSEA OP 5 Vol 1
- (c) NAVMC 8020.10
- (d) MCO P4400.150
- (e) MCO 5102.1

Encl: (1) LOCATOR SHEET

- 1. <u>Situation</u>. To update regulations and instructions regarding handling, storage, security, transportation, requisitioning, disposition, salvage, accounting and safety of ammunition and explosives within the Marine Forces Reserve (MARFORRES).
- 2. Cancellation. ForO P8010.1.
- 3. <u>Mission</u>. This Order contains substantial changes from the cancelled publication and must be completely reviewed.
- 4. Execution. Recommendations concerning the contents of the MARFORRESAMMOANDEXPLPOLMAN are invited. Such recommendations will be forwarded to MARFORRES G4 Ammunition via the chain of command.
- 5. Administration and Logisitics. This Order is applicable to the MARFORRES.

6. Command and Signal. Reviewed and approved this date.

R. E. BRAITHWAITE Executive Director

DISTRIBUTION: D

LOCATOR SHEET

Subj: MARINE FORCES RESERVE POLICY MANUAL FOR GROUND AMMUNITION AND EXPLOSIVES (SHORT TITLE: MARFORRESAMMOANDEXPLPOLMAN)

Location: (Indicate Location of Copies of the Manual)

RECORD OF CHANGES

Log completed change actions as indicated.

Change Number	Date of Change	Date Entered	Signature of Person Entering Change
			·

CONTENTS

TITLE	
INTRODUCTION	
SAFETY PROCEDURES	CHAPTER 1
SECURITY	CHAPTER 2
	CHAPTER 3
	CHAPTER 4
FORECASTING, REQUISITION, RECONCILIATION, AND INVENTORY	CHAPTER 5
CONTROL PROCEDURES TRANSPORTATION	CHAPTER 6
	CHAPTER 7
SALVAGE AND DISPOSITION OF AMMUNITION COMPONENTS	CHAPTER 8
LOSS OF AMMUNITION DUE TO IMPROPER PRACTICES	CHAPTER 9
ARMS, AMMUNITION AND EXPLOSIVES (AA&E) PROGRAM	CHAPTER 10
APPENDIX	
A REQUIRED PUBLICATIONS	
B RECOMMENDED PUBLICATIONS	LIST
C STORAGE AUTHORITY REQUES	T FORMAT
D TEMPORARY STORAGE AUTHOR	TTY REQUES

E	AUTHORIZED ALLOWANCE CHANGE FORMAT
F	FORECASTING PROCEDURES
G	FORECASTING SCHEDULE
Н	DELEGATION OF AUTHORITY: DA FORM 1687 WITH ASSUMPTION OF COMMAND LETTER FORMAT (ARMY ASP)
I .	DELEGATION OF AUTHORITY: NOTICE OF DELEGATION (MARINE/NAVY ASP)
J	SAMPLE NAVMC 11381 (CLASS V(W) EXPENDITURE REPORT)
K	SERIALIZED EXPENDITURE REPORT NAVAL MESSAGE FORMAT
L	MONTHLY CLASS V(W) INVENTORY FORMAT
M	OFF-BASE TRANSPORTATION AUTHORITY REQUEST FORMAT
. N	MALFUNCTION REPORT FORMAT
	DEFECT REPORT FORMAT
P	DEMILITARIZATION CERTIFICATE FORMAT
Q	PERSONNEL SCREENING FORM FOR AA&E PROGRAM
R	LIST OF REQUIRED REPORTS
S	MONTHLY FORECAST SPREAD SHEET FORMAT

INTRODUCTION

0001. <u>PURPOSE</u>. The MARFORRESAMMOANDEXPLPOLMAN is published to promulgate policies, procedures, guidance, and instructions for the effective management of ground ammunition (Class V(W)) within MARFORRES.

0002. SCOPE

- 1. The MARFORRESAMMOANDEXPLPOLMAN sets forth procedures and responsibilities for the maintenance of ammunition accounts and the administration of regulations relating thereto.
- 2. This Policy Manual supplements publications NAVSEA OP 5 Volume 1, NAVMC 8020.10, MCO P4400.150, and other pertinent directives of higher authority. See Appendices A and B for required and recommended publications list. Provisions of the foregoing are restated herein only to the extent considered necessary for clarity, emphasis, elaboration, or convenience of reference.
- 3. In the event any portion of this Order now or hereafter conflicts with any regulation of higher authority, the provision of the regulation issued by higher authority shall be controlling. MARFORRES end users who identify such conflicts are requested to bring them to the attention of MARFORRES G4 Ammo.
- 0003. <u>LEGAL EFFECT</u>. The MARFORRESAMMOANDEXPLPOLMAN is designed to establish procedures and policies regarding ground ammunition matters within MARFORRES. Nothing contained in this manual shall be interpreted to impose additional obligations upon the U.S. Government or grant an accused or respondent additional rights or privileges that are not established in law or regulation.

CHAPTER 1

SAFETY PROCECDURES

	PARAGRAPH	PAGE
	1000	1-2
SAFETY REGULATIONS AND INSTRUCTIONS	1001	1-2
AMMUNITION AND EXPLOSIVES ACCIDENT	1002	1-2
REPORTING	1003	1-2
USE OF AMMUNITION FOR DISPLAY PURPOSES .	1004	1-2
IDENTIFICATION OF AMMUNITION ITEMS/DEVICES USED FOR TRAINING	1005	1-3
PROCUREMENT OF AMMUNITION	1006	1-3
AMMUNITION AND EXPLOSIVE USAGE	1007	1-3
AMMUNITION SAFETY WITHIN ARMORIES	1008	1-4

CHAPTER 1

SAFETY PROCEDURES

1000. GENERAL. The provisions of this section outline the general safety regulations and instructions pertaining to ammunition and explosives, as well as reporting procedures for accidents involving ammunition and explosives.

1001. SAFETY REGULATIONS

- 1. Hazardous Materials (HM) are defined as "any compound, mixture, element or assemblage of material which, because of inherent characteristics is dangerous to manufacture, process, store or handle".
- 2. Ammunition and explosives are hazardous materials and require special care when handling, storing and transporting.
- 3. Only those personnel possessing a thorough knowledge of safety precautions relating to the handling of ammunition and explosives shall be detailed to perform or supervise such functions. They shall be guided by NAVSEA OP5 Volume 1 Reference (b), NAVMC P8020.10 Reference (c), and the contents of this manual.
- 1002. AMMUNITION AND EXPLOSIVE ACCIDENT REPORTING. MCO 5102.1B (Marine Corps Ground Mishap Reporting) Reference (e) sets forth Marine Corps guidelines that will be used for reporting accidents involving ammunition and explosives.
- 1003. DUMMY AMMUNITION. Dummy ammunition is manufactured specifically for preliminary training, functional testing on weapons, individual and weapon crew drills and school purposes. It is identified by special markings or color. Dummy ammunition is normally black in color, and does not contain primers, live fuzes, propellant or explosives. Dummy ammunition items are not expendable and may be replaced in authorized quantities when they become worn out or unserviceable. Such items should be handled as live ammunition during training to instill proper handling and safety procedures.

1004. USE OF AMMUNITION FOR DISPLAY PURPOSES

1. COMMARFORs and commanders of Supporting Establishments are authorized to approve the inerting of ammunition for training

purposes by Explosive Ordnance Disposal (EOD) personnel and the displaying of inert ammunition by any approved unit; however, no ammunition or explosive item will be inerted for the sole purpose of display.

- 2. No ammunition item/device, whether inert, practice, service (live) or any component thereof will be inerted or used for display without the prior approval of Commander Marine Forces Reserve (COMMARFORRES).
- 3. Ammunition items or devices that have been inerted for training purposes, including those items/devices authorized for display, will be clearly marked at all times per NAVSEA OP 5 Volume 1, Reference (b).
- 1005. IDENTIFICATION OF AMMUNITION ITEMS/DEVICES USED FOR TRAINING. Dummy ammunition contains no explosive or chemical fillers, and is designed or adapted for use in training of the weapon's crew or individual training. Practice ammunition is intended to simulate service (live) ammunition and normally contains reduced or less dangerous chemical or explosive filler. In some applications a spotting charge or some type of charge is added to the practice item to indicate functioning (e.g., practice hand grenades, practice land mines, etc.) In other applications, previously live items, expended in training, produce residue that in itself is authorized as a training item/device (e.g., the expended AT-4 launcher). It is mandatory that all dummy/drill or practice ammunition items be readily identifiable. This is especially true of practice items that have repeated reuse potential. The provisions of NAVSEA OP 5 Volume 1 pertaining to positive identification of ammunition in the aforementioned category will be strictly adhered to.
 - 1006. PROCUREMENT OF AMMUNITION. The purchase of ammunition by any Marine Corps organization other than Marine Corps Systems Command (MARCORSYSCOM) is prohibited.

1007. AMMUNITION AND EXPLOSIVE USAGE

1. Ammunition requisitioned shall be limited to that quantity required to support known requirements. However, the quantity

must not exceed that which can be properly accounted for and safeguarded.

- 2. Unserviceable ammunition shall be provided the same degree of security as serviceable ammunition pending its disposition.
- 3. Ammunition shall not be removed from any military activity, except as duly authorized by proper authority.
- 4. Government owned ammunition shall not be provided gratuitously, offered for sale, sold, exchanged or bartered for privately owned or Government owned property.
- 5. Ammunition shall never be buried, abandoned, destroyed, fired indiscriminately, or otherwise disposed of in order to circumvent the inconvenience of returning the item(s) to a proper storage site.
- 6. Ammunition shall not be removed from its packing containers until required for use. Ammunition, prior to its use, shall be handled in such a manner as to preclude assignment to an unserviceable category (i.e. loss of lot number identification, excessive breakout, etc.), should it become necessary to terminate the exercise and return the ammunition to the storage site.
- 7. Ammunition shall not be disassembled, altered, or modified, except for those normal operations provided in user level technical publications (i.e. fuzing of projectiles), or in authorized operations performed by qualified EOD personnel.

1008. AMMUNITION SAFETY WITHIN ARMORY

1. Security ammunition within the unit armory will be issued to the armorer or other authorized personnel by the unit ammunition technician or designated individual that maintains the keys or combination to gain access to the ammunition. The security ammunition will be handled and loaded into the magazine(s) as directed by the unit commander. At no time are quick draws or horse playing permitted with any ammunition item.

CHAPTER 2

SECURITY

	PARAGRAPH	PAGE
GENERAL	2000	2-2
SECURITY REGULATIONS AND INSTRUCTIONS	2001	2-2
SECURITY RISK CATEGORIES	2002	2-2
STORAGE REQUIREMENTS	2003	2-3

- 2000. GENERAL. The provisions of this section outline general security regulations and instructions pertaining to ammunition and explosives.
- 2001. <u>SECURITY REGULATIONS AND INSTRUCTIONS</u>. Commanding Officers shall be guided in providing adequate safeguards of Class V(W) materiel per OPNAVINST 5530.13 (Physical Security for Arms, Ammunition and Explosives (AA&E)) Reference (a), NAVSEA OP 5 Volume 1 (Ammunition and Explosives Ashore Safety Regulations), MCO P4400.150 Reference (b), NAVMC 8020.10 Reference (c), and the provisions of this manual.

2002. SECURITY RISK CATEGORIES

- 1. Ammunition and explosives have been cataloged into security risk categories which are based on factors of readiness to fire, portability, utility and potential casualty/damaging effects.
- 2. CATEGORY I. Non-nuclear missiles and rockets in a ready to fire configuration (e.g., Stinger, TOW, AT-4, SMAW).

NOTE * This category also applies in situations where the launcher (tube) and the explosive rounds, though not in a "ready to fire" configuration, are jointly stored or transported together. (e.g., TOW Missile and launcher)

3. CATEGORY II

- a. TOW Missiles.
- b. Grenades: High explosive and phosphorous.
- c. Mines: Antitank and antipersonnel.
- d. Explosives used in demolition operations, e.g., dynamite, block TNT, C-4, etc.

4. CATEGORY III

- a. Ammunition, 20 mm and larger, with explosive projectile.
- b. Grenades: incendiary and grenade fuzes.

- c. Blasting Caps.
- d. Detonating Cord.
- e. Supplementary Charges.
- f. Bulk explosives used in the production of ammunition.
- g. Stinger launch tube and gripstock.

5. CATEGORY IV

- a. Ammunition with non-explosive projectile (i.e., 5.56mm, 7.62mm).
- b. Fuzes, except fuzes for the grenades listed in para. 2002.3.b. above.
- c. Grenades: Illumination, smoke and practice, CS/CN (tear producing).
 - d. Incendiary destroyers.
 - e. Riot Control Agents.
- f. Ammunition for Categories II through IV weapons not otherwise categorized.

2003. STORAGE REQUIREMENTS

- a. Category I, II, III, IV ammunition and explosive storage and handling requirements are defined per directives listed in paragraph 2001.
- b. Security ammunition must be secured in an appropriate container (safe) in the unit armory and kept under separate lock and key from the weapons. Someone other than the armorer will maintain the lock and key. Refer to Chapter 10 of this publication for further information.

CHAPTER 3

STORAGE

		PARAGRAPH	PAGE
GENERAL		3000	3-2
STORAGE		3001	3-2
	AUTHORITY	3002	3 -3

3000. GENERAL. The provisions of this section provide guidelines for the storage of ammunition at the unit level.

3001. STORAGE

- 1. Unit commanders are responsible for determining security and safety ammunition requirements for their units.
- 2. Ammunition and explosives shall be stored in approved storage magazines and/or areas designated and isolated for this purpose. Storage in any structure not specifically designated for this purpose, especially buildings occupied by personnel, is prohibited except for limited quantities of small arms and pyrotechnics used for safety and security purposes. Guidance for storage of ammunition and explosives is contained in NAVSEA OP 5 Volume 1 Reference (b), NAVMC 8020.10 Reference (c), and the contents of this manual.
- 3. Tenant commands will request authority to store security, safety, and/or burial detail ammunition from the installation commander. Reserve Training Centers (RTC) not part of a formal installation will request their storage authority from MARFORRES installation will request will include DODIC, Nomenclature, Quantity, G4 Ammo. The request will include DODIC, Nomenclature, Quantity, Net Explosive Weight, and Hazard/Class Division (HC/D). Net explosive weight limits are 25 lbs for HC/D 1.3 and 1.4 type ammunition, to include ammunition used for burial details. See Appendix C for request format.
- 4. Commanding Officers or Inspector-Instructors will provide in writing to unit armorers a list of all authorized DODICs and quantities, to include dummy and inert ammunition, that may be stored in the armory. This authorized list will be posted next to the ammunition storage container and is in addition to the requirement to maintain ammunition accountability on NAVMC 10774 cards. A copy of this letter will also be kept on record with the unit's ammunition clerk. This authority must be reviewed annually.
- 5. At no time will any ammunition or explosives be authorized for storage in any office space, supply warehouse or unsecured area. All authorized ammunition must be stored in the unit armory in a secured safe/vault, and separate from the weapon(s) in which it is intended to be fired.

STORAGE AUTHORITY. Unless specifically approved by MARFORRES G4 Ammo, training ammunition will not be stored with security, safety, or burial detail ammunition. circumstances require authority to store training ammunition (HC/D 1.4 and/or 1.3 only) at a unit armory (e.g., ASP closed on Friday, and unit required to draw ammunition on Thursday for Saturday live-fire training), requests must be submitted to MARFORRES G4 Ammo via the unit's chain of command. This request may be done via e-mail, but must come from the Commanding Officer or Inspector-Instructor's e-mail account. Requests should be submitted five (5) working days prior to going to the training Temporary storage authority for training ammunition will never exceed 45 days and will remain valid only for the amount of time specified in the authorization. If training ammunition is authorized for storage at unit armories, the net explosive weight will never exceed 300 lbs for all types HC/D 1.4 and 1.3 ammunition. For approved requests, MARFORRES G4 Ammo must be notified when the circumstances requiring the storage authority no longer exist, the ammunition has been properly returned, or the storage authority has expired with no change in circumstances, whichever comes first. Refer to Appendix D for training ammunition temporary storage authority request format.

CHAPTER 4

ANNUAL AUTHORIZATIONS

	PARAGRAPH	PAGE
GENERAL	4000	4-2
ANNUAL AUTHORIZATIONS	4001	4-2
CHANGES AND SPECIAL ALLOWANCES	4002	4-2
DREDERIOVMENT TRAINING AUTHORIZATIONS	4003	4-3

4000. GENERAL. This section outlines information pertinent to annual ammunition authorizations.

4001. ANNUAL AUTHORIZATIONS AND ALLOWANCES

- 1. Training authorizations are revised and published annually by Training and Education Command (TECOM).
- 2. Commanders must annually validate their Table of Organization (T/O) and Table of Equipment (T/E) as reported at Head Quarters Marine Corps not later than 01 September of every year. TECOM Ammunition computes authorizations based, in part, on T/O and T/E information resident with TFSMS. Invalid TO/Es directly impact information resident with TFSMS. Invalid TO/Es directly impact MARFORRES authorizations; therefore, TO/E discrepancies must be forwarded via the chain of command to MARFORRES G4 Ammo not later than 01 October in order to allow sufficient lead time to compile and submit change requests to TECOM not later than 15 October.
- 3. MCBul 8011 contains the annual training authorizations. This directive is the single source document and authority for establishing the yearly training authorizations for units within MARFORRES.

4. Authorizations

- a. Computed and published annually by TECOM via Training Ammunition Management Information System Redesigned (TAMIS-R) website. TECOM determines authorizations based, in part, on Individual Training Standards (ITS), Training and Readiness (T&R) Manuals, Mission Performance Standards (MPS), as well as T/Os and T/Es.
- b. Authorizations do not represent strict literal interpretation of the ITS or T&R manuals, rather the ammunition resources required to validate those tasks, core skills, and Commanders Mission Essential Task Lists (METL).
- c. Authorizations generally represent the minimum amount of ammunition a unit theoretically should expend to maintain proficiency.
 - d. Authorizations are not limits.

- e. Only COMMARFORRES owns ammunition. Under the cognizant of MARFORRES G3 Training (G3T), MARFORRES G4 Ammo recoups all MARFORRES TAMIS-R authorizations into a single allocation.
- (1) Ammunition allowances are provided to unit as result of validated and approved requests.
- (a) MARFORRES G3T prioritizes allocations when there are competing requirements.
- (2) Commanding Officers are responsible for their subordinate commands' ammunition allowances.
- (3) When determining requirements, Commanding Officers will take into consideration ammunition requirements of units participating in special training to include but not limited to Predeployment Training Program, Mojave Viper White Space training, squad competitions, and overseas exercises.
- (4) All security, safety, and burial detail ammunition will be subsumed from the unit's annual training authorization.

4002. CHANGES AND SPECIAL ALLOWANCES

- 1. Changes in annual authorizations are necessary when it becomes apparent that MCBul 8011 quantities are inadequate or excessive to accomplish unit training. Request for changes to the annual authorizations will be submitted in the format contained in Appendix E of this manual to MARFORRES G4 Ammo via the appropriate chain of command.
- 2. Requests for special allowances will be submitted by MARFORRES G4 Ammo to TECOM Ammo when it is recognized that a training situation requires additional ammunition on a one-time basis, MARFORRES has at least an 80 percent expenditure rate for the specific item(s), and redistribution will not provide sufficient quantities to satisfy the requirements. TECOM Ammo is the approving authority for all special allowance requests based on the supportability analysis provided by MARCORSYSCOM PM-Ammo.

4003. PREDEPLOYMENT TRAINING AUTHORIZATIONS

1. No special authorization exists to support predeployment training. All validated requirements must first be sourced from existing annual training authorizations.

- 2. Commanders at all levels must identify and validate their predeployment training requirements in conjunction with their Higher Headquaters (HHQ) and Gaining Forces Commander (GFC), and forward the requirements via the chain of command to MARFORRES G4 Ammo in accordance with (IAW) Appendices F and G.
- 3. Once MARFORRES G4 Ammo has received the validated requirements, it will source internally prior to seeking external support. Sourced requirements will be forecasted IAW Appendices F and G.

CHAPTER 5

REQUISITION AND INVENTORY CONTROL PROCEDURES

SECTION 1

	PARAGRAPH	PAGE
	5000	5-2
GENERAL	5001	5-2
ANNUAL AUTHORIZATION AND FORECASTING	5002	5-3
	5003	5-3
UNFORCASTED REQUESTS	5004	5-5
OCONUS FORCASTING REQUIREMENTS	5005	5-6
REQUISITIONING	5006	5-7
EXPENDITURE REPORTS/TAR RECONCILIATION .		
SECTION 2	~ 100	5-10
GENERAL INSTRUCTIONS	5100	
PREPARATION AND MAINTENANCE OF NAVMC 10774	5101	5-10
RECLASSIFICATION OF CLASS V(W)	5102	5-11
SECURITY/SAFETY AMMUNITION ACCOUNTING	5103	5-12
INVENTORY REPORTING PROCEDURES	5104	5-12
M-L-S-R REPORTING	5105	5-12

CHAPTER 5

SECTION 1

REQUISITION AND INVENTORY CONTROL PROCEDURES

5000. GENERAL. The section provides effective control procedures for Class V(W) materiel as related to forecasting, requisitioning, turn-in, cancellation, accounting and inventory procedures. All (TAMIS-R) functions must be performed IAW established SOP, the User's Manual on the TAMIS-R website (https://tamis.army.mil/help) or, for additional Marine Corps (https://tamis.army.mil/help) or, for additional Marine Corps specific instruction, the TAMIS-R training packages on PM-Ammo's website

website
(http://www.marcorsyscom.usmc.mil/am/ammunition/IM&S_Division/Inventory_Management/TAMISR.asp). Additionally, specific and general ammunition management information is available at MARFORRES G4
Ammo's Sharepoint website

http://www2.MARFORRES.usmc.mil/sites/hq/G4/supply/ammo/default.aspx.

- 5001. <u>COMMAND RESPONSIBILITIES</u>. Commanders at all echelons are responsible for the following:
- 1. Controlling the expenditure of their authorizations.
- 2. Ensuring timely forecasts and requisition submissions are done in order to (IOT) eliminate or reduce the incidence of unforecasted support requests and to ensure proper support from ammunition supply points.
- 3. Ensuring prescribed safety regulations and precautions in storing, handling, and transporting Class $V\left(W\right)$ are followed.
- 4. Proper accounting for ammunition and explosives per chapter III, V, IX and XXV of UM 4400-15 and the provisions of this manual.
- 5. Providing MARFORRES G4 Ammo and/or HHQ ammunition management data and reports in a timely manner.

5002. ANNUAL AUTHORIZATION AND FORECASTING

1. MARFORRES uses (TAMIS-R) as its sole ammunition accounting database. Units must forecast their requirements for scheduled drills, predeployment training, TEEP events, special exercises,

and/or annual training IAW procedures outlined in Appendix F and forecasting guidelines in Appendix G.

- In order to reduce or eliminate unnecessary ammunition movement over public roads, units must forecast ammunition to the activity that supports the installation where the live-fire training will occur for the desired month IAW Appendix G. For units training at installations with no ammunition supply point, coordination with MARFORRES G4 Ammo via the chain of command must occur before unit forecasts ammunition.
- Ammunition is provided to units as a result of validated and approved forecasted requests.
- Units submit allocation requests via their S-3/G3. Upon validation by G3T, MARFORRES G4 Ammo will source allocations and forecast them to appropriate ASP. The following procedures are required when submitting allocation request:
- (1) Units provide forecasted consolidated quarterly ammunition projections to MARFORRES G3T required to accomplish planned training requirements.
- (2) Additionally, units provide monthly forecasted ammunition based upon quarterly projections detailing RUC, ASP, RDD, Department of Defense Identification Code (DODIC), and quantity IAW Appendix S. Forecasts will include justification of ammunition requirements for each dodic by amount.
- (3) Upon validation of the ammunition forecast by MARFORRES G3T, MARFORRES G4 Ammo will establish a unit allowance and transfer required ammunition within TAMIS.

UNFORCASTED REQUESTS

1. Once a forecasting deadline has passed, TAMIS-R automatically prevents forecasting for the specified month. Any requests inside the forecasting window established in Appendix G are considered unforecasted. All unforecasted requests must be routed to MARFORRES G3T via the chain of command prior to the requesting unit performing any TAMIS-R operation associated with the request.

- 2. Late forecasts are forecasts received at MARFORRES G3T less than 90 days but more than 61 days from the first day of the month of the required delivery date (RDD). Late forecasts require written justification for the late submission and require written justification for the late submission and approving endorsement from the MSC Chief of Staff (C/S) or the MARFORRES Vice Chief of Staff (VC/S) in the case of force units.
- 3. Critically late forecasts are forecasts received at MARFORRES G3T less than 60 days from the first of the month of the RDD. Critically late forecasts will require identification of a transportation of things (TOT) tracking number and a MARFORRES transportation endorsement in addition to justification statement With MSC C/S or MARFORRES VC/S endorsement.
- a. Units will request TOT in the MARFORRES TOT database, select "unforcasted ammo" as the movement type and "Ammo" in the shipments description field. Units will also provide MILSTRIP format document numbers per DODIC. Example: M200156123R001.
- b. MSC Fiscal Reps will create an obligation in SABRS utilizing a unique doc number that will enable MSCs to identify the unit requesting the TOT support. A minimum of \$4000 (using function 1A5A) will be obligated in order to earmark funds for future realignment from unit to MARFORRES G4. MSC funds for future realignment from unit to MARFORRES G4. MSC Fiscal reps will provide MSC G4 with a SABRS screen print of obligation. MSC G4 will attach the SABRS screen print and C/S approval to TOT request in the TOT database.
- c. If funds are not available MSC fiscal representatives will coordinate with MSC G3/G4. MSC G3/G4 will disapprove the TOT.
- d. Upon MARFORRES Transportation Management Office (TMO) approval, an automated email notification will be forwarded to the requestor. The MSC G3 will then forward all required documentation to MARFORRES G3T for validation and approval.
- e. If MARFORRES G3T disapproves the unforecasted ammo support request, they will notify the requesting MSC G3 to cancel the TOT request. The requesting MSC will notify MARFORRES TMO to cancel the TOT request. MSC will also notify their fiscal representatives to cancel the obligation document in SABRS.
- f. If MARFORRES G3T approves the unforecasted ammo support request, they will notify MARFORRES G4 Ammo and provide all required documentation. MARFORRES G4 Ammo will then forward all

required documentation to PM-Ammo for review/action.

- g. If shipment is not required PM-Ammo will notify MARFORRES G4 Ammo. MARFORRES G4 Ammo will notify MARFORRES TMO to cancel TOT. If shipment is required PM-Ammo will utilize the document numbers and generate requisition. Unforecasted support requests result in one or more of the following: 1) supportable from result in one or more of the following: 1) supportable from stocks on station, 2) unsupportable (reschedule training), 3) stocks on station, 2) unsupportable by shipment (unit-funded partially supportable, or 4) supportable by shipment (unit-funded totally supportable only through paying TOT should use that information, supportable only through paying TOT should use that information, in part, to validate training value.
- 4. Upon realease of shipment, MSC G4s will provide MARFORRES TMO a copy of all commercial bill of ladens (CBL) pertaining to movement.
- a. CBLs can be obtained using the Munitions Transportation Managementn System (MTMS) website (https://www6.osc.army.mil/mtms2000/LoginServelet)
- b. CBLs are due upon release of the shipment and will be considered delinquent 10 days after the date of shipment. Any unit with a delinquent CBL will be denied all future shipments until all CBLs have been received from the unit and processed by MARFORRES TMO.
- 5. When the MSC receives the CBL that identifies the actual cost, MSC G4 will notify MARFORRES TMO and MSC fiscal representatives. MSC fiscal reps will deobligate the document number(s) in the Standard Accounting, Budgeting and Reporting System (SABRS) and create a Memorandum Fiscal Service (MFS) System (SABRS) and create a Memorandum Fiscal Service (MFS) system (SABRS) and create a Memorandum Fiscal Service (MFS) System (
- 6. Overdue forecasts are forecasts that are received by MARFORRES G3T less than 15 days from the RDD. Overdue forecasts are unsupportable.

5004. OCONUS FORECASTING REQUIREMENTS

1. OCONUS training ammunition requirements must be identified a minimum 150 days prior to the exercise start month to ensure

availability of requested items and to allow forecasting a minimum 120 days prior to RDD month. Once ammunition availability is determined, MARFORRES G4 Ammo will coordinate the positioning of the ammo to the appropriate ammunition support facility. In order to maximize lift and minimize excess shipping costs, units should, during initial planning, ensure the host country will allow the requested ammunition to be fired prior to requesting the shipment. See Appendices F and G.

5005. REQUISITIONING

- 1. Ammunition will be requisitioned using the DD Form 581 Training Ammunition Request (TAR), found in TAMIS-R. All ammunition requests will be submitted no earlier than 90 days prior to the RDD.
- 2. TAMIS-R automatically creates an electronic TAR (Receipt for Equipment and Supplies).
- a. For MARFORRES units supported by Army or National Guard activities, the TAR is used for all Class V(W) transactions (i.e., issues, turn-ins and turn-in of salvageable materiel). These commands will print the TAR created by TAMIS-R, ensuring Blocks 13C and 14C contain original signatures. The TAR will accompany the unit to the supporting Ammunition Supply Point (ASP) where it will be submitted directly to the Officer in Charge (OIC) of the host ASP for authentication and approval.
- b. For MARFORRES units supported by Marine Corps activities, the supporting ASP will transfer the TAR information onto DD Form 1348-1A (Issue Release/Receipt Document).
- C. For MARFORRES units supported by Navy activities, MARCORSYSCOM PM-Ammo acts, in TAMIS-R, as the supporting activity and will approve the TAR and notify the Navy ASP of the ammunition request. MARFORRES G4 Ammo, once TAR has been approved by PM-Ammo, will release a MILSTRIP via naval message to the appropriate Navy ASP. The Navy ASP will transfer the MILSTRIP information onto DD Form 1348-1A (Issue Release/Receipt Document).
- d. All units must complete TARs a minimum of 30 days prior to the RDD. Upon completing the TAR, units should print a copy for use as a source document when receipting ammunition at all supporting activities.

- 3. Units will provide all supporting ammunition activities a Delegation of Authority (DOA) signed by the Battalion Commander, which will identify those personnel authorized to request and receipt ammunition to a specific Unit Identification Code and receipt ammunition to a specific Unit Identification Code (UIC). For Army and National Guard ASPs, prepare DA Form 1687 (DOA Receipt for Supplies) in triplicate with original signatures (no all copies, plus a copy of the Assumption of Command letter. On all copies, plus a copy of the Assumption of Pelegation form Assumptions of Command letters are valid for one year. For Assumptions of Command letters are valid for one year. Marine and Navy ASPs, use the Notification of Delegation form. See Appendices H and I for examples. DOA's must be updated as required.
 - 4. Liaison should be made with the supporting ammunition activity after TAR submission to ensure local policies and procedures are understood, can be followed, and that there are no conflicts with the ammunition request(s).

5006. EXPENDITURE REPORTS AND TAR RECONCILIATION

- 1. Expenditure Reports. All ammunition expended during livefire training must be reported using form NAVMC 11381
 (Expenditure Report). This form should be completed within five
 working days after the date of firing, and, along with supporting
 documentation, submitted to the unit ammunition record keeping
 documentation, submitted to the unit ammunition record keeping
 personnel. A minimum of three documents will be filed for each
 live-fire training event: the ammunition requisition document,
 live-fire training event: the ammunition requisition document,
 the ammunition issue document, and the expenditure report.
 the ammunition issue document, then the turn-in document will
 If there are ammunition turn-ins, then the turn-in document will
 be the fourth item filed. All paperwork must be retained for the
 current plus two previous fiscal years. A typical scenario
 follows:
 - a. Ammunition is requested.
 - b. ASP issues ammunition.
 - c. Ammunition is delivered to range where Range Safety Officer (RSO) inventories ammunition and fills out appropriate block on NAVMC 11381.
 - d. If all ammuntion is expended, RSO fills out appropriate block on NAVMC 11381. If not all ammunition is expended, a turn-in is required. RSO fills out appropriate block on NAVMC 11381. Person conducting the turn-in inventories the ammunition at the range and signs the form. For either instance, RSO signs form.

- e. Unexpended ammunition is returned to ASP.
- f. ASP issues turn-in document.
- g. NAVMC 11381 and all supporting documentation are returned to unit ammunition accounting personnel for verification by the unit Arms, Ammunition, and Explosives (AA&E) Audit and Verification Officer. See Appendix J for Expenditure Report example.
- 2. <u>Serialized Expenditure Reports</u>. The following serialized ammunition items currently require submission of a serialized expenditure report: AT4 and TOW.
- a. Serialized Expenditure reports shall be submitted within 5 working days of exercise completion to COMMARCORSYSCOM QUANTICO VA, Code AM-IM via priority message, with information copy to DOD/ORGANIZATIONS/USMC/ORGANIZATIONS/CAMP PENDLETON/ MCB/MCPD FALLBROOK CA, NAVSURFWARCENDIV CRANE IN (403), MCB/MCPD FALLBROOK CA, and appropriate authority within the chain of command.
- b. The expenditure report message subject should read as follows: SUBJ: EXPENDITURE REPORT FOR SERIALIZED CLASS V(W) W/REPORT NUMBER X-XX (i.e., 1-05 (the 1- denotes first report of year and the 05 denotes the last two digits of the reporting year)). It is imperative that using units include sequential report numbering to facilitate tracking of reports.
- c. Expenditure reports will contain general information to include: UIC, geographical location of expenditure (the installation name and range), date, exercise number/name, and point of contact with phone number, as well as the following information:
 - (1) Numerical line number by item entry.
 - (2) DODIC.
 - (3) Missile serial number.
 - (4) Lot number(s).
- (5) Method of expenditure (MOE): fired in training (TRN), fired in combat (CBT), fired for test (TES), destroyed (EOD), or disassembled (DAS).

d. See Appendix K for example.

3. TAR Reconciliation

- a. For units supported by Marine, Army and National Guard activities, TAMIS-R automatically posts issues and/or turn-ins; therefore these units must not report issues or turn-ins in TAMIS-R. So doing will create double-posting and inaccurate authorizations.
- b. For units supported by Navy activities, issues and turnins must be manually posted in TAMIS-R. Units must provide, via email, issue and turn-in information to the TAMIS Helpdesk at tamis@usmc.mil not later than the Reconcile Not Later Than (RNLT) date found on the TAR.
- c. All units must manually reconcile the TAR by the RNLT date found on the TAR. If TAR is not reconciled by the RNLT, all TAMIS user rights will be suspended and will not be re issued until the TAR is reconciled. Units should use issue and/or turn-until the TAR is reconciled. Units should use issue and/or turn-until the TARs are reconciled, TAMIS-R expenditure entries. Once the TARs are reconciled, TAMIS-R deducts and/or returns the TARs are reconciled, TAMIS-R deducts and/or returns ammunition to the unit's account based on input, thereby providing an accurate ammunition status.

CHAPTER 5

SECTION 2

REQUISITION AND INVENTORY CONTROL PROCEDURES

- 5100. GENERAL INSTRUCTIONS. This section provides guidance for inventory control and maintaining ammunition accountability.
- 5101. PREPARATION AND MAINTENANCE OF NAVMC 10774. All MARFORRES units/activities at the organic level, storing any quantity of Class V(W) materiel, will maintain a NAVMC 10774 card for each DODIC and lot number. The ammunition NSN/Lot number record will be prepared and maintained per UM 4400-15.
- For purposes of ammunition and explosives accounting at the using unit, the NAVMC 10774 (Ammunition NSN/Lot Number Record) will be used for management and control of Class V(W) material stored in the unit armory for security, safety, or burial detail use. Units will report in TAMIS-R as expended (Reconcile the TAR with no turn-in) all ammunition requisitioned for security, (This expenditure is for safety, or burial detail purposes. TAMIS-R accounting only and has no impact on the NAVMC 10774 or NAVMC 11381 requirements.) It is the responsibility of each commander or designated representative, such as the unit AA&E Officer, to ensure that the NAVMC 10774 form is prepared for each lot of ammunition regardless of quantity on hand, and is updated immediately upon any subsequent receipt, issue, or adjustment associated with that lot. All ammunition being stored in the armory will be inventoried monthly and an annotation placed on the NAVMC 10774 recording the inventory date. All discrepancies will be reported to the Commanding Officer immediately. Burial ammunition will be issued on a DD 1348-1A, and, upon return from the detail, the person who received the ammo will turn in unused ammunition, if applicable, and complete an expenditure report (NAVMC 11381). The expenditure report and associated documents (Issue and turn-in 1348-1As) will be delivered to the unit's AA&E Audit and Verification Officer for processing and subsequent filing by the unit's ammunition record keeper. This expenditure report will be kept for the current plus two previous fiscal years.

- 2. Class V(W) materiel will be accounted for as nonexpendable Records will be maintained per UM 4400-15. Files may be maintained in DODIC or document sequence. The ammunition lot number, NSN, and condition code will be recorded on all accounting documents (e.g., issue, receipt and voucher transactions).
- Upon assuming command, a physical inventory will be conducted by the Commanding Officer within 15 days to ensure the unit's ammunition accountability program is effective.
- Discrepancies noted between the quantity physically on hand and quantity recorded will be investigated thoroughly by the commander or designated representative. Should any quantity of ammunition or explosive be determined to be missing, UM 4400-15 provides guidance for taking corrective action to accountable records. A command investigation may be warranted depending on the type and quantity missing.
 - Ammunition NSN/lot number record cards (NAVMC 10774) will be filed in DODIC sequence.
 - All records placed in the completed recorded history file will be maintained for the current fiscal year plus two years from the date of entry into the file.
 - Should a quantity of material be received or an adjustment occur for which a prior record has been established and used to record the storage of Class V(W) material, the appropriate record will be withdrawn from the completed record history file and returned to the active file, except in cases when entries have been made on all sides.
 - RECLASSIFICATION OF CLASS V (W) MATERIEL. Occasionally, Class V(W) materiel fails to perform as designed. instances, a Notice of Ammunition Reclassification (NAR) is promulgated by naval message to inform all storage activities and all consumers of appropriate concerns, and to establish or remove restrictions on the item's use. Upon receipt of an NAR, all ammunition being stored by the unit must be checked against the If the ammunition becomes unserviceable due to a NAR, it must be returned to the ASP for disposition. The NAVMC 10774 card will be revised to read the new condition code on the now unserviceable ammunition. Replacement ammunition must then be requisitioned. A complete listing of current NAR's can found at 5-11

https://zinc.ois.disa.mil/portal/. Registration is required.

- 5103. SECURITY/SAFETY/BURIAL AMMUNITION ACCOUNTING. Ammunition drawn from the ASP that will be stored in the unit armory for security, safety, or burial detail will be issued to the Ordnance Officer or the officer in charge of the armory by the Ammo Tech or Marine that received these items from the ASP on a DD Form 1348-1A.
- a. Ammunition issued from the unit armory to an authorized Marine for any purpose (burial, field safety, security) will be done using a Equipment Custody Receipt (ECR) card. Upon returning the ammunition to the armory, the ECR card will be destroyed unless there was an expenditure.
- b. When there is an expenditure, an expenditure report will be completed and the ECR card and report placed with the ammunition record keeping documentation. The quantity on the NAVMC 10774 cards will be decreased by the amount expended.
- 5104. INVENTORY REPORTING PROCEDURES. Commanding Officers will submit monthly inventory reports, to include burial detail ammunition expenditures, of all ammunition stored in their armories by e-mail to MARFORRES G4 Ammo via the chain of command. See Appendix L for format.
- 5105. MISSING, LOST, STOLEN OR RECOVERED (MLSR REPORTING).
 Ammunition found to be missing, lost, stolen, or recovered will be reported per MCO 4340.1.

CHAPTER 6

TRANSPORTATION

	PARAGRAPH	PAGE
	6000	6-2
GENERAL	6001	6-2
COMMAND RESPONSIBILITIES		c · 1
INSPECTION OF VEHICLES	6002	6-4
AMMUNITION SUPPLY POINT INSPECTION	6003	6-5
	6004	6-5
CAFETY AND FIREFIGHTING PROCEDURES		

6000. GENERAL. The provisions of this section deal with the safe movement of ammunition and explosives.

6001. COMMAND RESPONSIBILITIES

1. Vehicles/Drivers

- a. It is the unit's responsibility to ensure that its vehicle(s) are inspected prior to being dispatched to transport ammunition. DD Form 626 will be used by the unit for the inspection.
- b. Drivers must be a minimum of 18 years old to drive ammunition and explosives aboard a military installation; 21 years of age or older to drive ammunition off any military years of age or older to drive ammunition off any military installation. Drivers must have an annual explosive driver's refresher course and have this course annotated in their training refresher course must have a current valid government driver's records. Drivers must have a current valid government driver's license annotated "Explosive Driver" and signed by competent authority, a valid state operator's permit and a medical certificate. Drivers will be qualified and trained per MCO 1240.665 (Standard Licensing Procedures for Operations of Military Motor Vehicles) and NAVSEA SWO20-AF-ABK-010.
- 2. <u>Sufficient Vehicles</u>. Sufficient vehicles should be provided to enable the supporting activity to load the entire quantity requisitioned in order to make the movement in one lift. Particular attention must be given to compatibility and weight. Prior planning is critical.
- 3. <u>Vehicle Markings</u>. All government vehicles transporting hazardous materials will be marked with the proper explosive placards per NAVSEA SW020-AF-HBK-010. Placards are the sole responsibility of the unit transporting the ammunition or explosives. The placards will be secured to all four sides of the vehicle. All placards will be removed once the vehicle is no longer carrying hazardous materials.
- 5. Fire Extinguishers. All vehicles must be equipped with appropriate fire extinguishers. At a minimum, one (1) 10-pound dry chemical will be carried in all vehicles used for transporting hazardous materials. Supporting ASP's can provide additional information on local policies governing fire extinguishers.

6. White Phosphorus (WP)/Plasticized White Phosphorus (PWP). or PWP ammunition will not be transported with any other type ammunition.

Movement 7.

- a. Every effort must be made to reduce or eliminate off-base ammunition movement. Off-base is defined as outside the physical boundaries of an installation (outside the perimeter fence), or outside an area defined as on-base through either agreement, custom, or public law (e.g., Hwy 172 and Hwy 210 connecting Camp Lejeune NC with the outlying training areas.).
- If off-base ammunition movement is warranted, it is the unit's responsibility to ensure it meets all federal, state and local regulations for transporting ammunition off a military installation. This may include coordinating off-base transportation authorization from the installation commander (Marine Corps bases) or authorizing command (MARFORRES G4 Ammo for units departing Army or Navy installations). Off-base movement also requires coordinating shipment blocking and bracing, adherence to authorized ammunition routes, and coordination with local law enforcement officials.
 - (1) Government owned and operated vehicles may only be used to transport A&E up to 100 miles from a Marine Corps installation.
 - (2) Infrequent movements of A&E from an installation to destinations in excess of 100 miles may be approved by the Installation Commander.
 - (3) Repeated use of Government owned and operated motor vehicles for scheduled trips exceeding 100 miles require the approval of COMMARCORSYSCOM (PM-Ammo).
 - c. It is Marine Corps policy to minimize to the greatest extent possible off-base non-commercial vehicle ammunition movement; therefore, requests for off-base non-commercial vehicle ammunition movement will normally not receive approval, except as a last resort.
 - Army and Navy installation commanders cannot authorize off-base ammunition movement for Marine units. In instances where MARFORRES units cannot train at the supporting activity location, prior coordination must be made with MARFORRES G4 Ammo

via the chain of command in order to obtain off-base movement approval. See Appendix M.

- Prohibited Vehicles. Special purpose vehicles are prohibited from transporting ammunition (i.e. ambulances, buses, fuel trucks, passenger cars, vans, radio vehicles, dump trucks, etc.).
- Privately Owned Vehicles (POV). Privately owned vehicles will not be authorized to transport ammunition at any time.

INSPECTION OF VEHICLES 6002.

- Motor Pool Inspection. Qualified personnel will inspect government owned vehicles, including cargo trailers. DD Form 626 (Motor Vehicle Inspection) original and one copy will be filled out in detail through Item 22 prior to vehicle being dispatched from the unit motor pool to transport ammunition or explosives.
- Vehicle Inspector. A certified vehicle inspector is required to sign all DD Form 626 forms. This inspector is only qualified after satisfactorily completing either a DOD authorized Hazardous Materials Course from one of the DOD approved schools listed in the Defense Transportation Regulation (DTR) or technical specialist training in accordance with DTR, Part II, Chapter 204, par. (e). The unit commander shall appoint this If a qualified person in writing, to include scope of authority. individual is unavailable then the OIC or Non-Commissioned Officer-in-Charge (NCOIC) shall verify in writing (long hand) that DD Form 626 procedures have been performed.
- The driver of a vehicle Driver of Explosive Vehicles. transporting ammunition and/or explosives will be thoroughly familiar with NAVSEA SWO20-AF-ABK-010 and its requirements. driver will have in his/her possession, when dispatched from the motor pool:
 - Armed Forces Identification Card.
- Valid government operator's permit, standard form (SF) 416 authorizing him/her to transport explosives.
 - Medical Certificate, ATA Form P101A1 (Physical and identification validated).
- Original and one copy of DD Form 626 (Vehicle Inspection Report).

- e. Glove Box edition of NAVSEA SWO20-AF-ABK-010.
- f. One 10 pound (PKP) or 15 pound (CO2) fire extinguisher (Two fire extinguishers when supported by Army activity).
 - g. Three reflectors or operable flashing lights.
 - h. Flashlight w/ batteries.
 - i. Complete set of spare fuses for the vehicle.
 - j. Appropriate tools.
 - k. Explosive placards.
 - 1. Tie down straps to secure the load.
- $\ensuremath{\text{m.}}$ Fire resistant tarpaulins for inclement weather or authorized off-base movement.
- n. Wooden dunnage to prevent the ammunition from being placed directly on the metal bed of the vehicle.
- 6003. ASP INSPECTION. ASP authorized personnel will inspect all government owned vehicles to ensure they are mechanically safe and free of fire hazards and that the driver is authorized to and free ammunition/explosives prior to loading or unloading. transport ammunition/explosives prior to loading or unloading. ASPs will issue DD Form 836 (Special Instructions for Drivers) as appropriate. This form provides drivers with important appropriate. This form provides drivers with important information concerning the load and any specific safety requirements should an accident/incident occur.
- 6004. SAFETY AND FIRE FIGHTING PROCEDURES. All drivers and other personnel will be instructed in the best methods of extinguishing vehicle fires. They will be specifically instructed in the following:
- 1. In nearly all cases there is time to extinguish any fire before sufficient heat is generated to cause ammunition or explosives to detonate.
- 2. Fire fighting equipment carried on vehicles assigned to transport ammunition will be inspected daily to ensure it is in proper working order.
- 3. A vehicle containing ammunition and/or explosives will never be taken into a garage or repair shop for repairs or storage.

- 4. Before loading or unloading ammunition and/or explosives, the engine must be off, the brakes set, and the wheels blocked.
- No vehicle will be loaded beyond its rated load capacity.
- A full stop is required at all railroad crossings.
- 7. If a vehicle in convoy catches fire, the other vehicles shall proceed to a safe distance and guards shall be posted on each side of the burning vehicle at the minimum distance listed on DD Form 836 (Special Instructions to Drivers) to stop traffic.
- If a vehicle breaks down and cannot be immediately towed to its destination, a guard will be posted and the activity to which the vehicle is proceeding shall be notified for appropriate action.
- The load is properly secured/tied down before moving the vehicle.
- 10. Vehicles equipped with catalytic converters will not be operated within 100 feet of fuel storage area or fuel transfer operations where low-lying accumulations of flammable vapor or hazardous ignition-combustible material sources are present. addition, such vehicles will not be parked over grassy areas or unpaved surfaces that could be considered to be oil soaked. only exception to the above is that vehicles may refuel in established service stations.

CHAPTER 7

MALFUNCTION/DEFECTIVE AMMUNITION

	PARAGRAPH	PAGE
	7000	7-2
GENERAL	7001	7-2
MALFUNCTION REPORTING	• -	
SUSPENSION/TEMPORARY LOCAL SUSPENSION	7002	7-3
INVESTIGATING OFFICER	7003	7-3
	7004	7-3
DEFICIENCY REPORTING		
NOTICE OF AMMUNITION RECLASSIFICATION	7005	7-3

7000. GENERAL. This chapter outlines the requirements for reporting malfunctioning and defective ammunition. Although ammunition is designed and produced with the highest degree of safety and reliability attainable, it does not always function per the original design; therefore, malfunctions and deficiencies reported by using units serve to identify items whose use must be limited, restricted, or curtailed.

7001. MALFUNCTION REPORTING

- 1. Malfunction and deficiency reports must be thorough, accurate and complete. The reports must be filed promptly and include all information required to ensure timely local action to suspend potentially hazardous ammunition from issue and use in order to prevent damage to property or injury or loss of life to personnel. A NAVMC 10135 (Ammunition Malfunction Data Collection Guide 8025) will be issued and in the possession of all Officers and Staff Noncommissioned Officers during training involving ammunition and explosives.
- 2. All ammunition malfunctions will be reported. See Appendix N. Malfunctions shall be reported as indicated in the two categories below:
- a. Malfunctions involving injuries/fatalities or resulting in a local suspension will be telephonically reported IMMEDIATELY to MARCORSYSCOM PM-Ammo. This telephonic notification does not negate the command's responsibility to submit a written malfunction report per MCO 8025.1 within 24 hours of the malfunction.
- b. All other malfunctions (i.e. duds, misfires) shall be reported within 96 hours of the malfunction.
- 3. The host activity/facility from which the ammunition or explosives were received will be immediately notified of any malfunction by the most direct manner and will be included as an info addressee on all correspondence regarding this malfunction.
- 4. It is recognized that some malfunctions may make it impossible to gather all the pertinent details and report within a 24-hour period established for malfunction reporting. In those cases, a supplemental report will be submitted within 15 working days after the malfunction.

5. Non-explosive residue related to an ammunition malfunction will be retained for a period of 120 days by the unit reporting the malfunction for possible inspection by an investigating official or shipped to a test facility to determine the cause of the malfunction and the outcome of this particular lot number. MARCORSYSCOM PM-Ammo will provide storage guidance.

7002. SUSPENSION/TEMPORARY LOCAL SUSPENSION

- 1. <u>Suspension</u>. Preliminary message reports of all ammunition malfunctions occurring aboard a host facility will be submitted with a recommendation as to local suspension or non-suspension of the ammunition lot number involved. The final decision to impose suspension, in all cases, will be made by the host facility.
- 2. Temporary Local Suspension. Nothing in the foregoing instruction shall be construed to imply the OIC or NCOIC of firing, RSO, or local unit commander cannot impose an immediate temporary local suspension of ammunition, when in his/her judgment, such temporary local suspension is considered necessary to prevent property damage or loss of life or injury to personnel or in the interest of range safety.
- 7003. INVESTIGATING OFFICER. In all cases of ammunition malfunctions where damage to personnel or property has occurred, an investigating officer will be appointed to conduct a thorough investigation.
- 7004. DEFICIENCY REPORT. All ammunition found to be defective as a result of improper design, manufacture, handling or storage shall be reported per MCO 8025.1. See Appendix O. Defect reports may be submitted within 15 days of the defect identification, except when an entire lot is locally suspended from use. Local suspension requires a report within 24 hours.

7005. NOTICE OF AMMUNITION RECLASSIFICATION (NAR).

1. NARs are received by all major Marine Corps commands in message format. NARs are listed in numerical order during the calendar year. Every April and October these NARs are consolidated into the publication TWO-24-AA-ORD-010 (Ammunition Unserviceable, Suspended and Limited Use). The

TWO-24-AA-ORD-010 and NARs will be kept and maintained at the unit level (normally Bn level and/or higher). Once the new edition of the TWO-24-AA-ORD-010 is published and received, the unit is authorized to destroy all NARs that have been incorporated in it. Units should also request access to and periodically check NARs at the following website: https://zinc.ois.disa.mil/portal/.

- 2. Units will also keep and maintain a cross-reference file.
- a. A cross-reference file may be a 5X8 index card or any other means that allows the data to be readily available. All DODICs that the unit has in its authorization will each have a file. Once a NAR is received with a change in condition code for a DODIC for which the unit has an authorization, the unit will annotate the NAR number, lot number and condition code in this file.
- b. When a unit requests ammunition, it should copy any applicable NAR info for requested DODICs in order to verify the issued ammunition lot numbers are not affected by the NARs. The ASPs have a requirement to provide units with copies of NARs affecting issued lots (NARs that DO NOT place the affected DODIC/Lot number into an unserviceable condition).
- c. If any ammunition being held by the unit is reassigned a condition code that makes the lot unserviceable, the unit must turn this ammunition into the supporting ASP and get issued serviceable ammunition.

CHAPTER 8

SALVAGE AND DISPOSITION OF AMMUNITION COMPONENTS

	PARAGRAPH	PAGE
GENERAL	8000	8-2
ACCOUNTING RESPONSIBILITY	8001	8-2
CERTIFICATE OF INSPECTION	8002	8-2
TURN-IN DOCUMENT	8003	8-2
TURN-IN POINT	8004	8-2

- 8000. GENERAL. This chapter provides guidelines for the recovery and disposition of recyclable materials.
- 1. The U.S. Army Ammunition Procurement and Supply Agency has a continuing requirement for certain ammunition components and related recoverable items in support of the ammunition procurement and production program.
- 2. To comply with the disposition instructions provided by DOD 4160.21M (Defense Materiel Disposition Manual) (http://www.dla.mil/dlaps/dod/416021m/guide.asp) and DOD 4160.21M-1 (Defense Demilitarization Manual) (http://www.dla.mil/dlaps/dod/416021m1/guide.asp), all items listed will be salvaged and returned to local Defense Reutilization Marketing Office (DRMO) or the ASP per local instructions.
- 8001. ACCOUNTING RESPONSIBILITY. Unit commanders are directly responsible to ensure maximum quantities of salvageable ammunition components are recovered and returned to the DRMO or ASP for disposition.
- 8002. CERTIFICATE OF INSPECTION. Commanding Officers will designate in writing officers and/or SNCO's authorized to certify inspected materiel does not contain any dangerous items. DRMO must have a current list of individuals authorized to sign inert certificates. See Appendix P for format.
- 8003. TURN-IN DOCUMENT. DD Form 1348-1A or DA Form 581 will accompany the turn-in of all items. Turn-in documents will be prepared per the instructions provided in UM 4400.15 and will reflect units of issue. A representative of DRMO will sign and receipt for all items returned and make distribution of copies of DD Form 1348-1A or DA Form 581.
- 8004. TURN-IN POINT. All items will be turned in to the local DRMO or ASP as may be directed by local procedure.

CHAPTER 9

LOSS OF AMMUNITION DUE TO IMPROPER PRACTICES

	PARAGRAPH	PAGE
GENERAL	9000	9-2
COMMANDING OFFICER'S RESPONSIBILITY .	9001	9-2

- GENERAL. This chapter provides guidance to minimize 9000. unnecessary ammunition loss.
- NAVMC 8020.10 Reference (c) and MCBul 8011 direct that continuing emphasis must be placed on conservation of ground ammunition and that action be taken to preclude loss of this essential and finite resource.
- Improper practices relative to the handling, transportation and storage of ground ammunition have led to the reclassification of assets to an unserviceable category due, in part, to loss of lot number identity, damage caused by mishandling, transportation of field returns, and most importantly, improper packaging.
- Field return of damaged items and/or useable materials in other-than-normal packaging causes potential storage problems and needlessly exposes personnel and facilities to unnecessary hazards. Proper handling and transportation will preclude such damage and/or exposure.
- c. NAVMC 8020.10 Reference (c) directs ammunition shall not be removed from its original packaging containers until actual expenditure is imminent. Reusable containers (e.g. ammunition boxes, fiber containers and bandoleers) must not be burned.
- Commanders at 9001. COMMANDING OFFICERS RESPONSIBILITIES. all echelons shall take appropriate action to preclude ammunition from being rendered unserviceable due to loss of lot identity, or improper handling, packaging, or transportation practices. When advised that improper practices have been encountered, commanders should initiate investigations per the provisions contained in MCO P4400.19 and JAGINST 5800.7. Copies of requests for investigation will be forwarded to MARCORSYSCOM (AM) Quantico VA via MARFORRES G4 . OMMA

- This chapter provides guidance to minimize GENERAL. unnecessary ammunition loss.
- NAVMC 8020.10 Reference (c) and MCBul 8011 direct that continuing emphasis must be placed on conservation of ground ammunition and that action be taken to preclude loss of this essential and finite resource.
- Improper practices relative to the handling, transportation and storage of ground ammunition have led to the reclassification of assets to an unserviceable category due, in part, to loss of lot number identity, damage caused by mishandling, transportation of field returns, and most importantly, improper packaging.
- Field return of damaged items and/or useable materials in other-than-normal packaging causes potential storage problems and needlessly exposes personnel and facilities to unnecessary hazards. Proper handling and transportation will preclude such damage and/or exposure.
- c. NAVMC 8020.10 Reference (c) directs ammunition shall not be removed from its original packaging containers until actual expenditure is imminent. Reusable containers (e.g. ammunition boxes, fiber containers and bandoleers) must not be burned.
- Commanders at 9001. COMMANDING OFFICERS RESPONSIBILITIES. all echelons shall take appropriate action to preclude ammunition from being rendered unserviceable due to loss of lot identity, or improper handling, packaging, or transportation practices. When advised that improper practices have been encountered, commanders should initiate investigations per the provisions contained in MCO P4400.19 and JAGINST 5800.7. Copies of requests for investigation will be forwarded to MARCORSYSCOM (AM) Quantico VA via MARFORRES G4 AMMO.

CHAPTER 10

ARMS, AMMUNITION AND EXPLOSIVES (AA&E)

			PARAGRAPH	PAGE
GENERAL		•	10000	10-2
CIASS V(W) CUSTODY TRANSACTIONS			10001	10-2

10000. GENERAL. This chapter provides general guidance for an effective AA&E program. The Marine Corps continuously trains and deploys with A&E, which by their very design are inherently hazardous. Careless losses, improper disposition, theft, and unauthorized use expose the public to unnecessary hazards. Therefore, it is imperative that the provisions of this chapter and all cited references be closely examined and followed.

10001. REQUIREMENT

- 1. MCO P4400.150 Reference (d), Chapter 7, is the source document for establishing and maintaining a mandatory and effective AA&E program.
- 2. OPNAVINST 5530.13B Reference (a) provides the current guidelines and policies for the security of AA&E. Recent procedural reviews have resulted in several Marine Corps AA&E security and accountability policy changes, which have been incorporated into MCO P4400.150 Reference (d). This chapter will not restate the references, but, as a result of these policy changes, commands must pay special attention to the following:
- a. Expenditure Reporting. A&E is most susceptible to theft or loss during field exercises. To ensure that proper accountability is afforded all A&E, commanding officers and officers in charge shall ensure that the Class V(W) Expenditure Report (NAVMC Form 11381), depicted in Appendix J, is used to document all expenditures of A&E assets. This form will be completed at the range by the range safety officer (RSO) and the ammunition technician to include signatures of both parties prior to any ammunition leaving the range for transport to the ammunition supply point (ASP) or armory. Local commanders are authorized to add additional fields to NAVMC 11381 to support other local requirements as deemed appropriate; however, the standard fields contained on this form shall not be changed.

b. Certification Screening

(1) Commanding officers and officers in charge shall ensure that all personnel who account for, maintain, and distribute AA&E in performance of their primary duties are screened inaccordance with this paragraph and OPNAVINST 5530.13 Reference (a) series. This includes EOD and aviation ordnance personnel, engineers, military police, AA&E officers, armorers/custodians, and ammunition technicians.

- (2) Screening will be conducted annually and will include a review of the Marine's medical records, Service Record Book or Officer Qualification Record, and Provost Marshal Office (PMO) incident reports.
- (3) Personnel who are required to be qualified and certified in their primary duties involving AA&E shall be screened and documented in accordance with MCO 8023.3 series.
- (4) Screening documentation shall be done using the Personnel Screening for AA&E (NAVMC Form 11386), depicted in Appendix Q.
- (5) This certification will be maintained as long as the individual is handling AA&E as their primary duties or upon their transfer to another duty station.
- 3. MARFORRES G4 Ammo SharePoint website (http://www2.MARFORRES.usmc.mil/sites/hq/G4/supply/ammo/default.a spx) provides a checklist (titled AA&E Checklist) that commands should use in implementing an effective AA&E program.

APPENDIX A

REQUIRED PUBLICATIONS

	REQUIRED 100-
TOPO 8011.1	MARFORRES GROUND AMMUNITION POLICY MANUAL
	CONSUMER LEVEL SUPPLY POLICY MANUAL
MCO 4400.150	CONSUMER DEVIL 20
MCBUL 8011	CLASS V(W) MATERIEL ALLOWANCES FOR TRAINING, TESTING, AND SECURITY
NAVMC 8020.10	MARINE CORPS AMMUNITION AND EXPLOSIVES SAFETY DIRECTIVE
	CLASS V(W) MALFUNCTION AND DEFICIENCY REPORTING
MCO 8025.1	TOW MISSLE FIRING DATA REPORTS (APPLICABLE TO UNITS
MCO 8390.3	WITH THIS SYSTEM)
MCO 8400.6	LICENSING PROCEDURES FOR ORDNANCE VEHICLE OPERATORS
TIM 4400-15	ORGANIC PROCEDURES FOR SUPPLY
ODMANIANCE SE	330.13B PHYSICAL SECURITY INSTRUCTION FOR THE
	1 AMMINITION & EXPLOSIVES ASHORE
NAVSEA OP 5	VOL 1 71110 INSERVICEABLE, SUSPENDED AND
NAVSEA TWO2	4-AA-ORD-010 AMMUNTION UNSERVICEABLE, SUSPENDED AND LIMITED USE
NAVSEA SWO2	0-AF-ABK-010 MOTOR VEHICLE DRIVER AND SHIPPING MANUAL FOR AA&EHAZARDOUS MATERIAL

APPENDIX B

RECOMMENDED PUBLICATIONS

- 40 CFR CODE OF FEDERAL REGULATIONS (CFR), PARTS 264 SUBPART EE AND PART 266 OF SUBPART M $\,$
- 49 CFR CODE OF FEDERAL REGULATIONS (CFR), TITLES 172, 174, & 177
- BOE 6000 BUREAU OF EXPLOSIVES (BOE) TARIFF SERVICE, HAZARDOUS MATERIALS REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION
- DOD REGULATION P4500.9-R DEFENSE TRANSPORTATION REGULATION (DTR), PART II, CARGO MOVEMENT
- MCO 1510.78 INDIVIDUAL TRAINING STANDARDS (ITS), FOR AMMUNITION AND EXPLOSIVE ORDNANCE DISPOSAL OCCUPATIONAL FIELD, 23XX
- MCO 3570.1 POLICIES AND PROCEDURES FOR FIRING AMMUNITION FOR TRAINING, TARGET, PRACTICE, AND COMBAT
- MCO 4340.1 REPORTING OF MISSING, LOST, STOLEN OR RECOVERED (MLSR)
 GOVERNMENT PROPERTY
- MCO 5100.29 MARINE CORPS SAFETY PROGRAM
- MCO 8010.1 CLASS V(W) PLANNING FACTORS FOR FLEET MARINE FORCE COMBAT OPERATIONS
- MCO 8023.3 HANDLING, QUALIFICATION, AND CERTIFICATION PROGRAM FOR CLASS V MUNITIONS AND EXPLOSIVE DEVICES
- MCO P4030.19 PREPARING HAZARDOUS MATERIALS FOR MILITARY AIR SHIPMENTS
- MCO P5090.2 ENVIRONMENTAL COMPLIANCE AND PROTECTION MANUAL
- MCO P5102.1 U.S. MARINE CORPS GROUND MISHAP INVENTORY REPORTING MANUAL

APPENDIX B

RECOMMENDED PUBLICATIONS

NAVSEA OP 3347 U.S. NAVY ORDNANCE SAFETY PRECAUTIONS

NAVSEA OP 3565 VOL 1 & 2 ELECTROMAGNETIC RADIATION HAZARDS

NAVSEA OP 4 AMMUNITION AFLOAT

NAVSEA OP 5 VOL 3 AMMO AND EXPLOSIVES ASHORE: ADVANCED BASES

NAVSEA SW010-AF-ORD-010 IDENTIFICATION OF AMMUNITION

NAVSEA SW020-AC-SAF-010 TRANSPORTATION AND STORAGE DATA FOR AMMUNITION, EXPLOSIVES AND RELATED HAZARDOUS MATERIALS, VOL 1

NAVSEA SW020-AC-SAF-020 TRANSPORTATION AND STORAGE DATA FOR AMMUNITION, EXPLOSIVES AND RELATED HAZARDOUS MATERIALS, VOL 2

NAVSEA SW020-AC-SAF-030 TRANSPORTATION AND STORAGE DATA FOR AMMUNITION, EXPLOSIVES AND RELATED HAZARDOUS MATERIALS, VOL 3

NAVSEA SW020-AF-ABK-010 SHIPPING INSPECTOR'S MANUAL FOR AMMUNITION, EXPLOSIVES AND RELATED HAZARDOUS MATERIALS

NAVSEA SW020-AG-SAF-010 TRANSPORTATION DATA FOR AMMUNITION, EXPLOSIVES AND RELATED HAZARDOUS MATERIALS

NAVSEA SW023-AG-WHM-010 ON-STATION MOVEMENT OF AMMUNITION AND EXPLOSIVES BY TRUCK AND RAIL CAR

NAVSEAINST 8020.13 EMERGENCY RESPONSE PROCEDURES FOR TRANSPORTATION ACCIDENTS OR INCIDENTS THOUSEVER CONVENTIONAL NAVAL ORDNANCE

NAVSEAINST 8020.14 SHORE STATION EXPLOSIVES SAFETY INSPECTIONS

NAVSEAINST 8020.6 NAVAL EXPLOSIVES SAFETY PROGRAM

NAVSEAINST 8020.7 HAZARDS OF ELECTROMAGNETIC RADIATION TO ORDNANCE; POLICIES/CONDUCT OF A SAFETY PROGRAM

APPENDIX B

RECOMMENDED PUBLICATIONS

NAVSEAINST 8023.11 STANDARD OPERATING PROCEDURES FOR THE PROCESSING OF EXPENDABLE ORDNANCE AT NAVY AND MARINE ACTIVITIES

OPNAVINST 5102.1 MISHAP INVESTIGATION AND REPORTING

OPNAVINST 5530.14 DEPARTMENT OF THE NAVY PHYSICAL SECURITY AND LOSS PREVENTION

OPNAVINST 8020.14/MCO P8020.11 DEPARTMENT OF THE NAVY EXPLOSIVES SAFETY POLICY

SECNAVINST 8020.3 RESPONSIBILITIES FOR ISSUANCE AND ADMINISTRATION OF (WAIVERS AND EXEMPTIONS FROM DOD) EXPLOSIVES SAFETY STANDARDS

UM4400-124 SASSY USERS MANUAL

MCO 3574.2J ENTRY LEVEL AND SUBSTAINMENT LEVEL MARKSMANSHIP
TRAINING WITH THE M16A2 SERVICE RIFLE AND M9 SERVICE
PISTOL

TM-9-1300-200 AMMUNITION GENERAL

TM-9-1300-214 W/CH 4 MILITARY EXPLOSIVES

TM-43-0001-27 SMALL ARMS AMMUNITION

TM-43-0001-28 ARMY AMMUNITION DATA SHEETS F/MORTARS, HOWITZERS, ETC.

TM-43-0001-29 GRENADES, HAND AND RIFLE

TM-43-0001-30 W/CH 9 ROCKETS

TM-43 0001-36 LAND MINES

TM-43-0001-37 MILITARY PYROTECHNICS

TM-43-0001-38 AMMUNITION DATA SHEETS FOR DEMOLITION MATERIAL

APPENDIX C

STORAGE AUTHORITY REQUEST FORMAT

Letterhead

Commanding General, Marine Forces Reserve (G4 AMMO) From: Inspector-Instructor

Chain of Command Via:

Subj: REQUEST TO STORE AMMUNITION IN UNIT AR

(a) MCO P8020.10A Ref:

(b) ForO P8011.1

- to store blank d 🐱 80 rounds per detail 1. Reference (a) states units are ed annually. Reference (b) funeral ammunition in the armory are submitted to MARFORRES based on the number of details states requests for storage G4 Ammo for approval.
- authorization to store the below pport (security) (safety) (burial 2. Per the references, ammunition in the ar detail).

NEW DODIC 1.80Lbs

3. Point of contact on this issue is Captain Now M. Legal at (123) 456-7890 or email: now.legal@usmc.mil.

N. M. LEGAL

APPENDIX D

TEMPORARY TRAINING AMMUNITION STORAGE AUTHORITY REQUEST

Letterhead

From: Unit

To: MARFORRES G4 Ammo Via: Chain of command

Subj: STORAGE AUTHORITY REQUEST FOR TRAINING UNITION

1. It is requested that the below the straining ammunition be temporarily stored in our unit at r fr. date to date. The reason for this request is due to resupporting Ammunition supply Point is XX miles/hours is rom the range we intend to use or other supporting july to the straining ASP upon completion of firing on date.

DODIC	Nomenclat;	guantity	Net Explosive	Weight (NEW)
_	5.56mm Ball	3000	11.40 (.0038	X 3000)
	9mm Ball	1500	1.35 (.0009	X 1500)

I. M. LEGAL Maj USMC

APPENDIX E

AUTHORIZED ALLOWANCE CHANGE FORMAT

Unit Heading

SSIC Date

From:

OccFld XX OAG

To:

TECOM

Via:

As required

Subj:

AUTHORIZED ALLOWANCE CHANGE REQUEST

1. Request approval of the following allowance change(s).

T + 1	NCG GG G				•				
[P.	ARAGRAPH	DODIC	ITEM	RECOMMENDED ALLOWANCE	CURRENT ALLOWANCE	WPN/PERS INPUT	CLS PER YEAR	TOTAL FY	
	2 2 (1)	A080	Ctg,	3,750/Ann	2,280/Ann			3,750	
60	02.1.a(1)		5.56mm Blank	350/Class	300/Class		8	2,800	
	7002.2.g	L594	Simulator, Proj, Ground	330, 321					l
-	9,001.1	A059	Burst Ctg,	50	25	1,200		60,000	
	9,001.1		5.56mm Ball		<u> </u>		<u>-</u>	ri red	•

Justification: Reason for increase or decrease of authorized allowances.

I. NEEDMORE

Note: A copy of recommended changes should be forwarded to like commands/units, as appropriate, early enough to allow for all recommendations to reach CG TECOM (C 462AMMO) in sufficient time for Program Objective Memorandum (POM) deadlines. Operational Assessment Groups (OAG) are the recommended venue to develop recommended allowance changes.

APPENDIX E

AUTHORIZED ALLOWANCE CHANGE FORMAT

Unit Heading

SSIC Date

From: O

OccFld XX OAG

To:

TECOM

Via:

As required

Subj:

AUTHORIZED ALLOWANCE CHANGE REQUEST

1. Request approval of the following allowance change(s).

ſ	PARAGRAPH	DODIC	ITEM	RECOMMENDED ALLOWANCE	CURRENT ALLOWANCE	WPN/PERS INPUT	CLS PER YEAR	TOTAL FY
-							ICAL	3,750
}	6002.1.a(1)	A080	Ctg, 5.56mm	3,750/Ann	2,280/Ann			3,750
ļ			Blank		200/01200		. 8	2,800
	7002.2.g	L594	Simulator, Proj, Ground	350/Class	300/Class			
.]			Burst	<u></u>		1,200		60,000
	9,001.1	A059	Ctg, 5.56mm Ball	50	25	1,200		

2. Justification: Reason for increase or decrease of authorized allowances.

I. NEEDMORE

Note: A copy of recommended changes should be forwarded to like commands/units, as appropriate, early enough to allow for all recommendations to reach CG TECOM (C 462AMMO) in sufficient time for Program Objective Memorandum (POM) deadlines. Operational Assessment Groups (OAG) are the recommended venue to develop recommended allowance changes.

APPENDIX F

FORECASTING PROCEDURES

- 1. Units will develop a quarterly ammo requirements plan and forecast those requirements quarterly IAW appendix G.
- 2. Rather than forecast in TAMIS-R, units will use the forecasting procedure outlined below.
- a. Ensure necessary UIC/ASP associations are completed in TAMIS-R.
- b. Forecast spreadsheet format will be provided by the G4 Ammo as per appendix S. This is the only format to be utilized! The format will contain RDD, RUC, ASP (to include ASP code from TAMIS), DODIC, nomeclature and qty. NOTE: AT NO TIME WILL THE FORECAST SPREADSHEET BE MODIFIED.
- c. The unit will input ammunition quantities under appropriate month that the training will occur. The months are divided into two categories: Rated 8011 and Unrated 8011. Units must ensure the quantity is put in the appropriate column.
- d. Forward the saved spreadsheet via the chain of command to the MSC in sufficient time to meet the forecasting schedule in appendix G.
- e. Changes to the quarterly forecast will be completed at least 90 days prior to the training date and will require MSC and MARFORRES G3T approval.
- 3. Unforecasted ammo requests will be processed IAW established policy. Units remain responsible for reimbursing G4 TMO for all TOT costs associated with unforcasted ammo requests.
- 4. MSC G3 will conduct monthly validation of ammunition requirements by validating the saved forecast spreadsheet files provided by units via their chain of command. The MSC G3T remains responsible for determining the validity of the unit ammo forecasts to include dodic verification.
- 5. MSC G3 forwards validated forecast spreadsheets files for the appropriate month to MARFORRES G3T prior to the deadline in appendix G. Authorizations for forecasted ammo will not be created until monthly validations have been completed.

APPENDIX G

PART 1

CONUS FORECASTING SCHEDULE

DEADLINE	EVENT
01 OCT	MSC G3s forward validated Jan forecasts to MARFORRES G4 Ammo
01 NOV	MSC G3s forward validated Feb forecasts to
01 DEC	MSC G3s forward validated Mar forecasts to
20 DEC 01 JAN	units submit forecasts for Apr/May/Jun to Moc MSC G3s forward validated Apr forecasts to
01 FEB	MARFORRES G4 Ammo MSC G3s forward validated May forecasts to MARFORRES G4 Ammo
01 MAR	MSC G3s forward validated Jun forecasts to
20 MAR 01 APR	MARFORRES G4 Ammo units submit forecasts for Jul/Aug/Sep to MSC MSC G3s forward validated Jul forecasts to MARFORRES G4 Ammo
01 MAY	MSC G3s forward validated Aug forecasts to
01 JUN	MSC G3s forward validated Sep forecasts to
20 JUN 01 JUL	units submit forecasts for Oct/Nov/Dec to MBC MSC G3s forward validated Oct forecasts to
01 AUG	MARFORRES G4 Ammo MSC G3s forward validated Nov forecasts to MARFORRES G4 Ammo
01 SEP	MSC G3s forward validated Dec forecasts to
20 SEP	marforkes G4 Annuo units submit forecasts for Jan/Feb/Mar to MSC

APPENDIX G

PART 2

CONUS FORECASTING LOCK-OUT SCHEDULE

FORECAST DEADLINE	RDD MONTH
31 July 31 Aug 30 Sep 31 Oct 30 Nov 31 Dec 31 Jan 28 Feb 31 Mar 30 Apr	Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug
31 May 30 Jun	Sep

APPENDIX G

PART 3

OCONUS FORECASTING SCHEDULE

DEADLINE	EVENT
01 OCT	MSC G3s forward validated Mar forecasts to MARFORRES G4 Ammo
	and the submit Apr forecasts to MSC G3S
20 oct 01 nov	MSC G3s forward validated Apr forecasts to MARFORRES G4 Ammo
•	units submit may forecasts to MSC G3s
20 nov 01 dec	MSC G3s forward validated May Lorecasts to
	MARFORRES G4 Ammo
20 dec	units submit Jun forecasts to MSC G3s
01 jan	MSC G3s forward validated Jun forecasts to MARFORRES G4 Ammo
20 jan	white submit Jul forecasts to MSC G3S
01 feb	MSC G3s forward validated Jul Torecasts to
01 102	MADEOPRES G4 Ammo
20 feb	
01 mar	MSC G3s forward validated Aug Iorecasts to
OI MAI	MAREORRES G4 Ammo
20 mar	the gubmit sen forecasts to MSC G3S
01 apr	MSC G3s forward validated Sep forecasts to
Or apr	MADEODDES G4 AMMO
20 apr	to much out forecasts to MSC G3S
01 may	MSC G3s forward validated Oct forecasts to
0 I	MADEODPES G4 Ammo
20 may	units submit Nov forecasts to MSC G3s
01 jun	MSC G3s forward validated Nov Iorecasts to
01)	MADEODRES G4 AMMO
20 jun	units submit Dec forecasts to MSC G3s
01 jul	MSC G3s forward validated Dec forecasts to
	MADEODRES G4 Ammo
20 jul	units submit Jan forecasts to MSC G3s
01 aug	MSC G3s forward validated Jan forecasts to
02 3333	MARFORRES G4 Ammo
20 aug	units submit Feb forecasts to MSC G3s
01 sep	MSC G3s forward validated Feb forecasts to
	MADEOPPES G4 AMMO
20 sep	units submit Mar forecasts to MSC G3s

APPENDIX G

PART 4

OCONUS FORECASTING LOCK-OUT SCHEDULE

FOE	RECAST	RDD
	ADLINE	MONTH
31	May	Oct
30	Jun	Nov
31	July	Dec
31	Aug	Jan
30	Sep	Feb
31	Oct	Mar
30	Nov	Apr
31	Dec	May
31	Jan	Jun
28	Feb	Jul
31	Mar	Aug
30	Apr	Sep
~ ~ ~		

APPENDIX H

DELEGATION OF AUTHORITY DA FORM 1687

NOTICE OF DELEGAT	ION OF	AUTHORITY - RI	ECEIPT FOR S	UPPLIES LOG.	DATE 1 JAN 99
			REPRES ENTATIV		
ORGANIZATION RECEIVING SUPPLIES HHC, 1/33 ARMOR (3)	RD BDE	()	LOCATIO	FORT LEWIS WA	98433
LAST NAME-FIRST NAME-MIDDLE INIT		SOCIAL SECURITY NUMBER	AUT RU	SIGN	ATURE AND INITIALS
DAVIS, ERIC F 1LT	1DEF		S X	Eric Davis EF	TD
JOHNSON, DAN K. 1LT	VDEF		<u> </u>	Dan Johnson	DKJ
ETS: 15 A FISHER, JASON G. SGT	.UG 99		YES YES	Jason Fisher	JGF
NOT USED	/				
AUTHOR	IZATION B	Y RE VSL	PLÝ OFFICER (OR ACCOUNTABLE OF	FICER
THE UNDERSIGNED HER	REBY 🔀	DELE TO	WITHDRAWS F	ROM THE PERSON(S)	LISTED' ABOVE.
THE AUTHORITY TO: REQUISIT	TION O	REC F	CLASS V SU	IPPLIES AS INDI	CATED ABOVE
REMARKS FOR FL/YTC ASP "Author	rized rep				creening IAW AR 190-11
		SUME FU	LL RESPONSIBIL	ITY	
UNIT IDENTIFICATION CODE WAH9 AA			DODAAC/ACCO	UNT NUMBER WK4K7	75
LAST NAME-FIRST NAME-MIDDLE INITIAL	GRADE	TELEPHONE NUMBER	EXPIRATION DA	TE SIGNATURE	
BUTLER, WESLEY B.	0-5	967-1245	15 AUG 99) Wesley	B. Butler
DA FORM 1687, IAN 82		EDITION OF DE	57 IS OBSOLETE		USAPPC V3.00

APPENDIX H

ASSUMPTION OF COMMAND LETTER

UNIT LETTERHEAD

SSIC DATE

From: LtCol R. U. Ready To: Supporting ASP

Subj: ASSUMPTION OF COMMAND

- 1. Effective 01 January 1999, the undersigned assumes command of $1^{\rm st}$ Battalion, $23^{\rm rd}$ Marine Regiment, $4^{\rm th}$ Marine Division, New Orleans LA 70146, vice LtCol I. M. Gone.
- 2. Authority: USMC Order Number 123456
- 3. Period: Indefinite.

R. U. READY Commanding

APPENDIX I

NOTICE OF DELEGATION OF AUTHORITY

BCL 5000/5		Y - RECEIPT FOR			OATE 971025
		ED REPRESENTATIVE(8)	TATIL	A	
GANIZATION School Of Infantry, Marine C	orps Base, Ca	amp Lejeune, North C	arolin	42	
ST NAME - FIRST NAME - MID		SOCIAL SECURITY NUMBER	J1112L	M	SIGNATURE AND INITIALS
Lynch, Anthony V.	LCpl	521-29-367			
Smith, Dwight	LCpi	450-63-98	K Y	XXX	
A	UTHORIZATION	BY RESIDE PE	LY OFFICE	ORAC	COUNTABLE OFFICER
THE UNDERSIGNED HEREBY APPEAR(S) ABOVE, THE AUTH	XXDELEGA	DRA	V(W) Mati		E PERSON(S) LISTED ABOVE, WHOSE SIGNATURE(S) SOI
For Fiscal Year 199	38				
		-ASSUME FULL	GRADE		ACCOUNT NUMBER M93055
ORGANIZATION SOI, MCB, CL	NIC 28542	•		COL	1110000

APPENDIX J

SAMPLE NAVMC 11381 (CLASS V(W) EXPENDITURE REPORT)

CLASS V (W) EAFENDITORE REPORT NAVMC 11381 (X-XX) (XX) SN: XXXX-LF-XXX-XXXX	FROM PRINT NAME RANK SSN UNITAUCPHONE NUMBER (RSO/EDD)	Ref. (a) MCO P4400.150 series	1. Per the reference, the following Class V (W) expenditure report is completed. Range (s) and date (s)	RECEPT DOC# DODIC NOMENCLATURE (#) RECEIVED RECEIVED EXPENDED TURNED IN (NOTE 2)				s accounte and one of	d f age are S Hents. Universitie in Contest Date Standard	Date (Film events, organis)	ALEXANDER OF THE STATE OF THE S		EROM (RSO/EDD) Ref. (a) MCO P4400.150 series Ref. (a) MCO P4400.150 series Range (s) and date (s) Range (s) and date (s) Range (s) and date (s) Receipt DOC# RECEIPT DOC# (If applicable) (Newber) unused prop (Range (s) and atte (s) expervision of (RSO/EOD (Signature))	XXXX XXXX REINT NAME PRINT NAME BODIC I docu The position of the Position	RANK SSN Strict Completed: NOMENCIATURE NOMENCIATURE No was conducted at the strict was so items. Print Name, Rank, Signature)	SF	that I have co	REQUESTIONE NUI	WBER UTY RECEIVED (NOTE 1) (NOTE 1) I documents for a sets to an authorized	CIT EXPENDED IN UNEXPENDED Cel storage activity	(QTY TURNED IN (NOTE 2) lass V (W) per
---	--	-------------------------------	---	---	--	--	--	-----------------------	--	-----------------------------	--	--	--	--	---	----	----------------	-----------------	--	---	---

NOTE 1: All social numbers for socialized annumitions will be annotated on a separate sheet and attached to this expenditure report with a copy of the expenditure ms NOTE 2: Unexpended Class V (W) will be turned in using the same document number as the initial issue document using a sulfix (Example M00001-8001-0001.4.)
Retention: Expenditure reports are filled by fiscal year (FY) and retained for current year plus two FY's.

(AA&E Audit & Verification Officer Only): 1 certify I have audited this expenditure report against all issue and turn-in documents (DD1348s) and corrective action (Circle one) is or is not required

AA&E Officer (Signature)

APPENDIX K

SERIALIZED EXPENDITURE REPORT NAVAL MESSAGE FORMAT

FM TWENTY FOURTH MARINE REGIMENT//

TO COMMARCORSYSCOM QUANTICO VA/Code AM-IM//

CG MARCORSYSCOM AMMO (UC)//

INFO

COMMARFORRES G4//

CG FOURTH MARINE DIVISION/G4//

MCPD FALLBROOK CA//

NAVSURFWARCENDIV CRANE IN (403)//

MSGID/GENADMIN/24TH MARINE REGIMENT//

SUBJ/EXPENDITURE REPORT FOR SERIALIZED CLASS V(W) 02-05//

POC/MARINE I.M.//SSGT, CO GYSGT/24TH MAR REGT/-/TEL:(816) 843-3537//

GENTEXT/REMARKS/RMKS/1. GENERAL INFORMATION

- A. UIC: MXXXXX
- B. GEO LOC/ RANGE: CAMP LEJUENE, NC
- C. DATE OF EXPENDITURE: 14 JUNE 2003
- D. EXERCISE NUMBER/ NAME: 2/24 ANNUAL TRAINING.
- E. POC/ RESPONSIBLE OFFICER: SGT MOTO

2. EXPENDITURE INFORMATION

LINE #	DODIC	MSL SERIAL	# MSL LOT#	MOE
1	WF10	472517	HAQ-3160-6	TRN
2	WF10	472523	HAQ-3160-6	TRN
3	WF10	472524	HAQ-3160-6	\mathtt{TRN}
4	WF10	472525	HAQ-3160-6	\mathtt{TRN}

3. DOCUMENT NUMBERS ISSUED/RECEIVED ON:

LINE # DOC #

1 MXXXXX31270049

APPENDIX L

MONTHLY CLASS V(W) INVENTORY REPORT

This report required for all units storing security, safety, and/or burial detail ammunition in the armory. This report will be emailed via the chain of command to the MARFORRES G4 Ammunition Chief by the fifth of each month in the following format.

Unit Location DODIC Lot Number Qty O/H Qty Expended Remarks

Include training ammunition stored under storage authority and note authority expiration date in remarks column.

APPENDIX M

OFF-BASE TRANSPORTATION AUTHORITY REQUEST FORMAT

UNIT LETTERHEAD

051109 JDW

From: Unit

To: MARFORRES G4 Ammo Via: Chain of Command

SUBJ: OFF BASE TRANSPORTAION OF AMMUNITION FOR M12345

- 1. The following conditions will be met for transportation of ammunition from Ft USA AL to Camp USMC AL:
 - a. Qualified ammo drivers over 21 years of age with valid medical certificate.
 - b. DD Form 626 Vehicle inspection
 - c. DD Form 826 Special Instructions for drivers provided by ASP
 - d. Coordination with local law enforcement
 - e. DD Form 1907 Signature and Talley Sheet (if needed for Cat I Items)
 - f. Armed Security escorts in another vehicle.
 - g. Placards on all four sides of vehicle.
 - h. Ammo: (DODIC, Qty, Net Explosive Weight, Hazard Class/Div)
 - i. Route Map: (use internet mapping tool)
- 2. If there are any questions or concerns, please contact me at 123-456-7890 X123.

LET M. DRIVE

APPENDIX N

MALFUNCTION REPORT FORMAT & INSTRUCTIONS

SAMPLE MALFUNCTION MESSAGE FORMAT

ADMINISTRATIVE MESSAGE
ROUTINE R
FM: [Insert your Plain Language Address]
TO: COMMARCORSYSCOM QUANTICO VA//AM-QA//
COMMARCORSYSCOM QUANTICO VA//CBG//for TOW malfunctions
COMMARCORSYSCOM QUANTICO VA//C4IAD//for Stinger malfunctions
MARINE CORPS PROGRAMS FALLBROOK CA//4092//
INFO CMC WASHINGTON DC//SD/43//
NAVAMMOLOGCEN MECHANICSBURG PA//32A//
CDROSC ROCK ISLAND IL//AMSOS-MAS-S/MCLNO-LMA//
NAVSURFWARCENDIV CRANE IN//4025/4033//
COMNAVSAFECEN NORFOLK VA//00/02/03/40A/43/60/90//
[Add "CDRAMCOM REDSTONE ARSENAL AL//AMSAM-MMC-LS-M//" for missile
malfunctions]
[Add appropriate addresses in your chain of command]
[Add ASP from which ammunition was drawn]
BT
UNCLAS //N08090//
SUBJ/CLASS V (W) AMMUNITION MALFUNCTION REPORT
MSGID/GENADMIN/
REF/A/DOC/MCO 8025.1D/rev date//
RMKS/IAW REF A, THE FOL MALFUNCTION REPORT IS SUBMITTED:
1. UNIT ID:, RUC, POC, E-MAIL, DSN,
COMM
2. AMMUNITION DATA:
2.A. NSN, DODIC, Nomenclature
LOT ,
[Plus Nomenclature & Lot Numbers of all components involved, if
applicable]
2.B. Condition of the rnd & packaging prior to firing
2.C. Total number of rnds from the lot(s) remaining on hand or
returned
to the local storage facility
2.D. Total number of rnds fired (attempted) from the lot(s) on
the day
of the malfunction
2.E. Total number of rnds which malfunctioned

APPENDIX N

MALFUNCTION REPORT FORMAT & INSTRUCTIONS

3. WEAPON DATA:
3.A. Indicate wpn nomenclature, model, & serial number for
artillery weapons, also include the serial number and
manufacturer of the gun and breech ring .
3.B. Statement as to the condition of the weapon prior to the
malfunction and the date of the last overhaul, to include data on
timing and headspace of actual gage check
3.C. Description of the weapon after malfunction. If the weapon
is damaged, transmit photographs under separate cover
3.D. Number of rounds from the lot, attempted to fire from same
weapon on the day of the malfunction
3 E. For weapons 40MM or over (except rocket launchers and
missiles), indicate the total number of rounds fired prior to the
malfunction. If the tube is damaged, provide the pullover gage
reading and/or number of effective full-charge (EFC) rounds fired
as defined in the appropriate Technical Manual(s). If the tube is
destroyed, indicate the last pullover gage reading and/or the
number of EFC rounds fired as noted in the gun book
3.F. Elevation, zone in which fired (include the number of
increments used), length of recoil, and range to target, e.g.,
"0996 MILS, CHG 9, 4200M" 3.G. Statement as to whether the muzzle was close enough to the
ground (dug in) to permit the entry of foreign material
3.H. Number of weapons firing reported ammunition lot on the day
of the malfunction/number of malfunctions per weapon
4. Description of the Malfunction: [Provide a complete narrative
description of what actually occurred and a statement as to
whether there were any nonstandard conditions observed. Describe
the location of the malfunction in relation to the weapon and/or
personnel involved. Indicate the number of casualties sustained
(report in three categories: minor injuries requiring only
outpatient treatment: major injuries requiring hospitalization;
and fatalities)]. If the malfunction was a premature detonation,
include the following:
4.A. High or low order
4.B. Distance from the muzzle or end of the launcher
4.C. Obstructions in the line of fire or in the weapon tube
4.D. Fuze setting e.g., "SQ"
4.E. Evidence of unburned propellant or residue in the tube
4 F Deviations from instructions in the Technical Manual(s)

APPENDIX N

MALFUNCTION REPORT FORMAT & INSTRUCTIONS

5. PREVAILING CONDITIONS: [Provide information on the following:]
5 A Time date, and weather conditions; e.g., "0917-0925, 19 Jan
99 CLEAR, WINDY, 3.5 DEG C." Provide relative humidity reading
for Linear Demolition Charge malfunctions5.B. Terrain at
the scene of the malfunction; e.g., "OPEN FIRING RANGE,
HTLLY "
5.C. Type of target; e.g., "FLAT IMPACT AREA, TANK HULL"
5 D. When electronically initiated ammunition is involved in the
malfunction, comment on the proximity and type of electrical
energy source(s) in the immediate area
6. STORAGE CONDITIONS: [Describe the storage conditions:]
6.A. Prior to operation (location, stored inside the magazine,
outside under a tarpaulin, or "STORED IN EARTH COVERED MAGAZINE
PRIOR TO ISSUE AND IN COVERED AMMO-READY AREA PRIOR TO
FIRING")
6.B. Prior to firing/employment (was ammunition unpacked and
subjected to adverse elements; e.g., rain, snow, direct sunlight,
etc.)
7. REMARKS:
7.A. "YES" or "NO" Whether a local suspension was Imposed
7.B. "YES" or "NO" If the submission of a supplemental report
is anticipated
7.C. "YES" or "NO" Availability/location of residue from the
malfunctioning item
7.D. Other data considered germane

APPENDIX O

SAMPLE DEFECT MESSAGE FORMAT

ADMINISTRATIVE MESSAGE
ROUTINE
R
FM [Insert your Plain Language Address]
TO COMMARCORSYSCOM QUANTICO VA//AM-QA//
COMMARCORSYSCOM QUANTICO VA//CBG//for Dragon, Predator, TOW
Defects Control (5 or 6) and Control (5 or 6) and Control (6 or 6) and C
COMMARCORSYSCOM QUANTICO VA//C4IAD//for Stinger, STLS Defects
MARINE CORPS PROGRAMS FALLBROOK CA//4092//
INFO CMC WASHINGTON DC//SD/43//
NAVAMMOLOGCEN MECHANICSBURG PA//32A//
CDROSC ROCK ISLAND IL//AMSOS-MAS-S/MCLNO-LMA//
NAVSURFWARCENDIV CRANE IN//4025/4033//
COMNAVSAFECEN NORFOLK VA//00/02/03/40A/43/60/90//
[Add "CDRAMCOM REDSTONE ARSENAL AL//AMSAM-MMC-LS-M//" for missile
defects]
[Add appropriate addresses in your chain of command]
[Add ASP from which ammunition was drawn]
BT
UNCLAS //N08090// SUBJ/CLASS V(W) AMMUNITION DEFECT REPORT//
MSGID/GENADMIN/
REF/A/DOC/MCO 8025.1D/rev date//
RMKS/ IAW REF A, THE FOL DEFECT REPORT IS SUBMITTED:
1. UNIT ID:, RUC POC, E-MAIL, DSN,
COMM .
2 AMMINITION DATA:
NSN, DODIC, Nomenclature
LOT ·
LOT 3. Description of the Defect(s): [Provide a complete narrative
description of the discovered defect, including circumstances of
the
discovery. Indicate local action taken.]
4. Quantity defective and total quantity remaining on-hand of the
lot in
question.
5. Activity from which lot(s) received and when (if known).

APPENDIX P

DEMILITARIZATON CERTIFICATION FORMAT

UNIT LETTERHEAD

From: Bn/Sqdrn/Co To: DRMO Chief	o Cmdr (or appropriate ti	cle)	
Subj: PERSONNEL A	AUTHORIZED TO CERTIZATION CERTIFICATES	FY AND VE	ERIFY
Ref: DoD 4160.23			
1. I, Capt E. M. DODACC, hereby autorify AEDA Inert	thorize the individ	Supply uals ind	Bn, of the following icated to certify and
DODACC: UNIT: UNIT ADDRESS:	M12345 HQ Company 4 th Supply F HQ Co Marinetown,		
UNIT PHONE: EMERGENCY CONTACT	555-1234		GySgt Y. Mee
2. I have appoin Inert Certificate	ted the following is on behald of DODA	ndividua CC 12345	ls to certify AEDA IAW the reference:
Name	<u>Title</u> <u>Grade</u>	Sign	ature
William Hung	Ammo Tech E-5		
3. I have appoint Inert Certificate	ated the following in some some some the state of the sta	ndividua ACC 12345	ls to verify AEDA IAW the reference:
Name	<u>Title</u>	Grade	Signature
Roscoe P. Coltrar	ne Ammo Supervisor	E-7	

WILL E. MAKIT

APPENDIX O

PERSONNEL SCREENING FORM FOR AA&E

PERSONNEL SCREENING FORM FOR ARMS, AMMUNITION, AND EXPLOSIVES Screening (check one): initial annual Ref: (a) OPNAVINST 5530.13 series (b) MCO P4400.150 series (c) MCO P8020.10 series Individual conducting screening Individual being screened Rank/Name: Rank/Name: SSN/MOS: SSN/MOS: Billet: Billet: Date of screeni Date of screening: Signatur Signature: SUBJECT Subject Marine's medical record has been screened by a competent medical authori conditio There are no. prevent th Subject] officer screene informat from handling A ng legal action Subject y court-martial, civilian and/or adicial punishment that courts, d would prohibit this Marine from handling Subject Marine demonstrates the requisite maturity, judgment, and leadership required to handle AA&E. Based on the above information, I have determined that the subject Marine (check one): does meet the personnel screening requirements to handle AA&E in performance of their regular duties. currently does not meet the personnel screening requirements to handle AA&E in performance of their regular duties. Subject Marine will be re-evaluated in days. can not meet the personnel screening requirements to handle AA&E in performance of their regular duties. A summary of the findings for non-qualification are attached. If appropriate, the command will request via CMC (Code MM) that action be taken to re-train and/or reassign subject individual to an occupational field not requiring routine handling of AA&E.

Retention: This Record will be maintained for one year after termination of the individual's assignment, or one year after final interview if the individual is disqualified during the screening or re-screening process.

APPENDIX R

LIST OF REQUIRED REPORTS

REPORT

EXPENDITURE REPORT (NAVMC 11381)

SERIALIZED EXPENDITURE REPORT (NAVAL MESSAGE)

MONTHLY INVENTORY REPORT (EMAIL)

TO/E DISCREPANCIES FWD TO MARFORRES G4 AMMO VIA CHAIN OF COMMAND DUE DATE

W/IN 10 DAYS AFTER COMPLETION OF LIVE FIRE TRAINING OR EXPENDITURE

W/IN 5 WORKING DAYS AFTER EXPENDITURE

NLT 5TH OF EACH MONTH

NLT 15 OCT EACH YEAR

APPENDIX S

MONTHLY FORECAST SPREAD SHEET

RDD:	
RUC:	
ASP:	

	·		
		Month:	
		8011	8011
DODIC	Nomenclature	Rr.	Unrated
A011	CTG, 12 GAGE SHOTGUN 00 BUCKSHOT		4
A014	CTG, 12 GAGE SHOTGUN #7 1/2 SHOT		
A017	CTG, 12 GAGE #9 SHOT		4
A023	CTG, 12 GAGE 1 OZ SLUG		
A024	CTG, 12 GAGE MK246 MOD0		
A059	CTG, 5.56MM BALL F/M16A2	<u> </u>	
AA33	CTG, 5.56MM BALL COMMER PAC CT		
A062	CTG, 5.56MM BALL LKD F/SAW		
A063	CTG, 5.56MM TR F/M16A2		
A064	CTG, 5.56MM BALL TR 4/		
A071	CTG, 5.56MM BALL TR 4/ CTG, 5.56MM BALL 193		
A066	CTG, 5.56MM P193. J.L RD		
A075	CTG, 5.56MM 8		
A080	CTG, 5.56MM BLK F.M A1/A2	<u> </u>	
A111	CTG, 7.62MM BLA. 32 LNKD		
A131	CTG, 7.62MM 4 BALL M80/1TRCR M62 LKD		
A143	CTG, 7.62MM BALL M80 LNKD		
A358	CTG, 9MM PRACT AT-4		
A363	CTG, 9MM BALL PISTOL (NEW)		
AA49	CTG, 9MM BALL M882 COM PAK		
A475	CTG, .45 CAL BALL M1911		
A540	CTG, .50 CAL LKD 4 API 1API		
A552	CTG, .50 CAL BALL, CTN F/M2		
A555	CTG, .50 CAL BALL M33		
A557	CTG, .50 CAL 4 BALL/1 TRCR LKD M33 F/M2	<u> </u>	
A576	CTG, .50 CAL LKD 4 API/API-T F/M2		